Aviation Tevs McGraw-Hill Publishing COMPANY, INC. MAY 22, 1944



New Navy Secretary Confers with Nimitz: Admiral Chester W. Nimitz (left), Commander-in-Chief, discusses Pacific strategy with James V. Forrestal, then Undersecretary of the Navy, at a base in the Central Pacific, during an inspection tour shortly after the capture of Kuajalein.

ACCA Cites Advantages of Services' Air Competition Fairchild's Ward tells Woodrum Committee many planes developed by separate units would not have

planes developed by separate units would not have been produced under unified command.....Page 7

Northwest Tax Ruling Vital Problem Facing Airlines Serious complications seen in Supreme Court decision upholding right of Minnesota to levy on all of company's planes based in that state...Page 35

Plane Plants Revise Schedules to Meet Draft Needs Easing of rules to permit retention of 26-29 group -source of much supervisory personnel—for at least six months is bright spot in picture. Page 28 AAF Engineers Play Vital Role in Tactical Warfare
Cut-off procedure planned in Washington and
used in Central Burma actually got first test on
small scale in Lae-Salamaua campaign....Page 19

Survey Shows Few Investment Trusts Hold Air Stocks

Parts Producers Body Expands to Meet Post-War Needs About 170 of AAPM's 400 members went into manufacture of plane parts at outbreak of war and over half plan to continue in field......Page 16



Crash truck ... ladies' size

Scotters, "manued" by vonces, ruch to free at air fields and quiekly suaff out blasse with earbon disade gas from Kidde entirperiders. These midget free engines are highly measuremible, early operated by vonces. And they're midt—to anarob the first free-lighting offers of Kidde extinuablers.

Kidde conteguishers are used by the fields on a wode variety of mobale equipment. They're carried on fall obse unsegment streets, two-wheeled insiders, joops, materrycles. Kidde hand and wheeled portable extinguishers stand ready to sip smaller first.

If you are planning fan protection for an sieport—of for aircraft— Kalde's broad experience in aviation for fighting will be valuable to you. Our conjugate are at your persist... just done to a live!



THE AVIATION NEWS

Washington Observer

AIRCRAFT CONTRACTS — With accruals production running nearly Malls was based, the question has arisen as to when a definite downstant tears of in accrual contracts may be expected. The hest accrue from sumpeters auchtrafties used to the three will be no falling off until the success of the investor in detectained they only a facility of a death and even than any changes probably will be in types nother than in averall soutput.

CHANDES NOW IN EFFECT—Arrady well pridetical has been a downwood trend in trainer bysis, with emphasis shifting to bedient produced by the production of the production Council, well clean, lose not expect any definite downwood trend in amount produced to the production of the produ

DMTS MAY OR DOWN—Although the nameber of altered produced next by smaller its essaths to cose, the weight of airframest penduced undoubtedly will interest. Sebelahes laid down an the basis of strategie and practical needs do as it call for area withoutstaff obseguin production in terms of weight in the near futner escent this resulting from the emphasis are bestere with. Essent subthels in some plants one models, usually bester than current

AVIATION NEWS . May 22, 1944

EXPLOSATION! CONFERENCE—Sustements usually by Lard Servetonic reporting the post-way assessment and account minima have considerable and account minima have considerable and account minima and in available conference was subsidied in West-minima and in available corder generally, which was their to engine was established was their account was subsidied as well-minima and in available corder generally, which was their to engine was established.

A FIEM STAND—The feeting is proving in Congrue that the United States must take a firm stand in creating our artistics rights and many members are not of a mind to yield much salest 55 percent of past-war air unifie will supply the confidence of the confidence of

WEST COAST MANIVEES—The many power attacks on the West Coast servers it is entirely it less strangers than it has been for the tire years, despite drift may had This in all two years, despite drift mayada. This is not the years of the power of the tire of the tire of the coast-andly better entire from unbocutared-are and general rathingly of beholder. The industry, is a swater of fart, would be as been in discussion, the proposed of the coast of the state in the coast-andle of the coast of the

New belly took features Dougles Havon, Army A-30 attack howber.



MALTER KIDDE & COMPANY, INC., 140 CEDAR STREET, NEW YORK 6, N. Y.

AVIATION NEWS

S. Army Au Fascer Come, 5, 7, 5, 13, 19 Stell Oil Co Stati Cil Ca Franciar Tiry and Robber Co Francisco Cory

THE STARF

Editorial Physican

AVIATION NEWS . May 25, 2944

Washington Observer

but abortopes are expected arrow the industry to providing both surplants and soldiers

TRANSCONTINENTAL BECORDS-A few weeks ago when TWA's Lockbood "Cemstellation" made its record-breaking const-to-const flight, it was pretty generally understood in the industry that there would be an more such operations for the duration. Consequently, these tion naturally arose as to whether Republic not like to cent their alrelance late the race the Army permit a "Managita" to try for a Propression record?

cash here deep that KLM, Bayal Dutch Arr Lines, and its affiliate, KNILM, contemplate any switch from U. S. to British-built transports struces. They have always preferred Ameri-

DUTCH PREFER U. S. PLANES-Detch oft-

Although the futures of siriles and sports foring on freezewith described as articistically averaged, one promising phase of post-war aviation is the subject of few newspaper staries. That is the proposed use of sircraft by industriol and business firms for transportation of executives and salesmen. One reason for lock of publishes of course, is the desire on the nart of each company which plans to use a feet of planes and professional pilets that its correction tors he kent in irregence as lawy as possible The number of executive true planes which will be said in the first two years after commercial production begins will be for obove most estimates. Washington officials believe

NEW GERMAN PLANES-The New Donner

which will go into action against the savance beight about 15 feet, with no performance the

to encommute the II & for airport expenditures alone the northwest starter route should get be considered a rescodent for British empley you.

ments of outs to this country for other hours entirement in line with a modest program. When to Alasko, and needed more facilities, she was told by the Canadians to on shead and build them and they could be turn down afterward. The narrhwest underwest such stood expenupp. bywyer, that Canada realized her swn castiment would be inedounte for the future and offered to bur and keep the U. S. facilities.

PLANES FOR ALASKA AND MEXICOmore twin-engine transports soon to be released by the Army. Diplomatic circles redieste but her officials fear that these may be assigned to Alsaks, matesd, and the smaller Lockheed

envious new clay the impression that need als nervice often the worr will be nomible only be-Accords the advantages of six francourtailes probably will be utilized even by nations or ed arrogenests. A U. S. line for example al-

British Jules, could land fin British hound Ireland, and the assumers could chance to a loss. Somilarly, a treaty by a small country. such as Release, with every other sir saver. would be unnecessary. Its connections with even two or three creat foreign conitals would give it speedy access to the rest of the world.



ACCA Spokesman Cites Advantages

Of Armed Forces' Air Competition Ward sells Woodram Committee many plants developed by scourage units would not have been produced under unified

By WILLIAM G. KEY

The aviation industry is firmly country had a naval air arm that convinced that there have been very definite advancance in the accarate arrest services which veloped aggraft that otherwise would never have been available.

of Artexyas L. Gates, assistant secof Navel Operations (sar), each of Presented by Ward-The ACCA statement of policy (Avantum

News, May I and May 1) was nectree Word said he was tald by

the heaviest representation on the central popularment agency Asked by Rep. Miller CE. Conn. if he believed the country could have competition leading to impercent under a paided command Ward countered that in his service in France and as a member of the preparation for war--with a realis-tic teaching of history to show that -that would integrate the nation's raductria) proporedness with its freezigat of stackpales of strategic motorisis, funds for way playment by industry as well as for the

noughly could be done under an incities as surulus errerreres the ascences only providing that technical developments and respensibilities for technical equip- sprie of war contract canowlishess ser force and Marchant Marine as building up the British are area. Vital military reserves and patru-Assistant Secretary Gates ex-Ward's testimony fellowed that Ward pleaded for a penetime present emphasis opposition to



the United States Ward and it

American aviation industry is still

FAsks Peacetime Preparation-



rolls of British-reads Chaton landing mats which said be used to estab-

both astribility and rough on soft ground takes our troops take over Newin 1942 he found that no other AVIATION NEWS . May 22, 1866



SOMETHING BIG - like lifting an ELEPHANT

Anny, strange feature of the American Scene-these Fixing Elephysis in the nettliborhood

of vatal war plants . . . At made they are moored from ten to runky wags, Total With the mooring cable, a barrage belloon wearing about 1,000 nounds, It takes a lot of LIFT-12000 cubic feet of HYDROGEN-to do

Scientists at the "University of Petroleum," Shell's der components from petroleum gases-hydrogen Thus-one more outstanding contribution to

Shell was first too to monly American military solution with a server find., 160 octors, murding, ening our plazes new speed, thring range, and tactical

advantage. Later Shell discovenes visitly incressed both the power and production of aviation machine Today, more Shell 100-octane sylution feel is use.

And now, each day, Shell produces more than enough to find a bombing rejection of 2.600 planes Fanishted airport operators will find Shell's war-



AVIATION NEWS . May 12, 1944

'real pressure to arrive at some crited to "the ownered craftering F Sees Many New Lessens-Gates

control in the hunds of cryshaus dates and questionable respons-

Nave-The naval ag arm, he perionee and extent. He assisted inducementale supporting functions arm-with American and

break of this war and that the

Second Series

The Woodram Post-Wor Ma-

tions. The hearings on another-

of the British mayal sar arm. Even today, Gales sand, the Mestuck Name Main (B Miza) brought est in tweezer that the British bayer broken down the EAF into Dw



COLUMBIA'S UTILITY GRUMMAN

Described by the Navy as the only ringle engined amphibes used by Charles E Screams. Park is the the U.S. in this war, the JIP-6 which craft, nationared the Dark ing ded rescue work. Usual erec is two, eitheugh it has corned as ration and a board member until

mand. Fighter Command and (British sources take exception

to this breakdown, maintaining that first air has never been an integral part of the RAF. The and has alwarted the Futher Com-

b Buniels Heard-Admiral McCore Another witness heard last work was World War Secretary unable to secure Avera-News enthe World War because such coop.

Pilot Training Reverts to CAA

Reveation of the appointment erder which placed R. McLean Skwart, executive director of essition pilots, technicums and me-Union Blouse action is taken

Civilian Polet Training Act of 1529 will expire July 1. Meserwhile, Ford Gets Post

Henry Poet II. recestion vicefather. Risel B. Ford, having been

AVIATION CALENDAR May N.M. Assumption Toursby Stubby Av.

mad Coloration, Page Strain.

EDO: Transportifies Institute, New York University and Drawn-reduced Admir. See America, Mathes States and America, See State Schoolski Marieral War Material Man-Ag 2-5 Street House, Chings and Hall Associate Conference of Associate Associate Street, September 1997, Septe Oak 5th EXE Knowni Armen's Engineering

Separate Air Forces Expected

Analysis of Woodcam Constit see heuritage indicates present semp will continue, with cophasis on Strangic Air Foece. completed by the Woodrum Post-

P The role of the Army Air Ferres

There may be some merger of

The stress in substance will be These are not the views of the congnities, but a weighter of the

decided before any decision can process is completed

Will the constitution of a smalle

NEW SEXTANT:

of the American professional of

There will be no amalgamator

to many of the unification problerns of post-war military policy

Surplus Disposal

Formal autoencement of the aveuntil Sopt L. Plane manufacturers



ter aboard Howard Hughes round-the-sports flight and non

V.Loon to Aircraft Accessories Corp.

3,600, with mire of some \$4,900.

A. Leo Stevens Dies tor-powered dirigible, died this en coute from his home at Fir Desilva, Nels, during the first

Comptroller-General Tangle Slows Termination Bill in House

Prompt action, which was predicted in lower chamber after Senate passage of \$.1718, fails to gaternalize; supplus property disposal recoram moves shead in administrative avencies.

It has been two works since the gives him the right to make one-Murray entirect termination hill suddly. received Investille Senate action, Debeate Problem-The House Juand the "prompt action" predicted Actually, the House appears to

Minute's Solution The Senate disposed of this feature of the bill Accompant Office from audition General Leadury Worsen servette ing Office head is "wholly unastin-

8 7716 as paged by the Senate. and still is seeking substitution

anther the committee walls some like to formet how much namelies this impossible. Moreover, the strong supporters of Mr. Warren

P. Disposal Parture Christen—Meanfixed solely to the admirishmentor Will L Civeton Scendar Wor tarier drawnal legislature to fit his needs. This was recommended in as the SWPA is now operating One of the disposal agencia-

disposing of property at the rate proporting a pricing order setting der is OPA's fear that renewers ment and dimonal officials may atterror to make a mod showing by retting both proper for spaces goods. Ones creature a damerously inflationery situation. senger sutomobiles will be especty

It is understood that the surphus scheduled for prior opered exercition there is only see-avietion execute-which will possibly af-

Excepture-According to those

lation. there is a provision that among the Hems exempt from price control are any used tiems otherwise subject to the Septemb carle engine of not once 500 has machine tools valued at \$30,000,-

AVIATION NEWS . Mer 21, 1944



Lead-filled corone bags, each weighing accord possels, are distributed

of the May Rill (H S 2022) which now levelor their mehts at July 1.

NACA Shows New Research Laboratory

Coverience more in Circuland sical process decine war. at the NACA's attend entire remurch laboratory at Cleveland

or plants for effective convatual in the sub-sireloushers, the some tone are artificially created to study means of preventing and removing ice formation, the flight

ready in himsted size Navy Cuts Orders

On Fighter Planes

fort that boxes are reduction. few father planes involved in

Previously the Navy bad re-660 were to be produced this yearh Enroya Eliminated outre most mawould scored all of them. The ratback will eleminate they ever-

Army and Many officers and arrests production agreeations immedial Arry is an interior view shourns the cuide names in the affitteds wind



Deaft Deferment Group Enlarged

Service the advision and estab-

covers the Office of Defense Transcuota and stay on quotas pre-

Oil Unaffected by Heat or Cold

Developed in Coast Research Plant Some labricants noted at California laboratory even thicken when weemed and thin when cooled; production seen as his

aid to places in areas of widely varying temperatures. By SCHOLER BANGS Oil that well thirless when heats. Hencey and one cabons, and staw-

ed thin when owled or even of the cabin per two-hour flight from Ban Francisco to Los Angeles. Still a laboratory carpetty at the Richmond, Calif., bendezerters of California Research Corp., subtime guessing the adjustment that sidiary of Standard Ott Co of Cala-

task regerally. Automatic control to the answer b Cost and Efficiency—Estimates on county, and derability are factors Brward Buther Benry J. Koiser has withdrawn from the

propert. He did so when it became development of the new oil. The

a Regard affects its wiscourty only dishibe. That of Staudinger mad cust chain-like molecules dissolved in a liquid charge the A Blace D. Warks-Thornest areals. countings was effected by addition creater viscouty than the oil itself

DOUGLAS PLASTIC RIVERS: creatly to the off's wascours. When coultr. Choice of the foreign materrals and their varying continutries in experted to facilitate the

h Ale Conditionent-More brene-

distant the recognit of air confu. compressed or commence.

demands in industry.

The please rivet has made its aupegrance in Dougles Aircraft's Secreto class The mosts here. "tailogung" of all to meet warying trul surface fabrics to restal smoot the runet to clenched on place by

Huckes They are said to be "claser than ever." in constant anspentium, and working tagether on metal favor heat larger than MK-1 and that could be healt in a Karner is Western apocalation It is neering group Bechiel-McConn-

no. Howar corts certificate B.M.P. PUBLICITY JOB - More than

one head of a West Coast arrthe public with devering to comnitr after the war. And ther're wondering whether their working the aurginue is here to stay. They Yultise Aircraft Curp.'s public relations, hundled by the outside firm of Hill & Knewlee, Either street or being considered is a working agreement between Braum Ca.,

headed by energelic Tod Brezz. Las Angeles public relations coun-Lee & Losh, Los Angeles and San sees West Court certies for I'll & account. A partner in the fem is John Lee, manuage of the West Coarl's Agreed War Production

Braniff Anniversary

AM 9 between Chemes and Dalles During June, 1934, the first full sooth of operation, the line regumust service, operanced with 190,854,-\$52 pound miles over the etrire sys-

FEDERAL DIGEST WIR Orders Bendix

Compensation Bonus

Directs necessary to 6,000 in for Sunday work; summary of week in U. S. and war appearan.

By MARY PATTING PERRY Bendes Aviation Corp. was dirested by the National West Labor

4. 1942 to May 2, 1943. During that seriod these workers were on for warnen workers for the seese period also was ordered. Women worked a swine shift of five days continued the swag shift arrange-

more on May 3, 1963, and all exshaft of mx days a week. Err-Asycraft Workers Union of New Jersey, an unuffituled occurren-NWLB directed water increases extracted 6.50 an hour for anprominately 5,300 production and

CEO horranter agent for emat the plant, so the straight time

hourly payroll for workers in the UAW unit will equal \$5,510. This been made by Budger Notes Cur Co. which is maying the real wines up a mile-lond asper-life fire-A hibbse rate of the an hour toy materials werkers, and the an hour for trained workers, and the an hour for trained workers, in precision in the Stang's color. Again as bi-day along a proposition and in reader the as how, with automatic proposition of the material in an article of the proposition of the material in an incommittee or proposition of the material in an incommittee proposition of the material in the forest trained and the second of the second of

tions risks; and end compliance surface for Hudson Makes New Helldiver Wings producing folding wines for an ton Religiour for the Navy has

More Douglases Hears 2 More Groups Washington sufferties as-mounce that 14 Dauglas DC-

planes Changes are good that

regular mas for their disaffection is sended. I Spreading Committee on Advanta Materials Conservation in sequence of the sending of the sending of the sequence of the sending of the sendence of the sendence

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been replaced by a full-feathered

Surplus Plane Body of association spokerman and Cost Aviotes Islan Legislator The Porce Surplus Plans Adnamery Subcommetting list week

Procedure—The mechanics for

the Surplus War Property Adminutration after the Porce subcommilities will make its report, worse Will L. Clayton, planning arreradt set cut by the SWPA on the bests of the Porus recommendations Other enuperant vital in sirerall efectiones devices-also will come under the disposal mechanics of A Tighter Policers-The concludes offen at record only to surplus

Come the REC or expressed to sell Deferon Scorel on Caro. Metals Re-Planes and other equipment sheard can be handled in two waxs. Comminders to active theaters of

Marytyne Commission. Where It affects Reconstruction Finance

pitus un their control. Outrado al theaters of operation, the Foreign a free atteries... Noffertime a turbianreport excess stocks precipilly and Nitty of each owners arency to

Beech Solves Surplus Problem With Own Distributing Subsidiary

Material Distributors, Inc., sircraft company's new unit, reports \$25 war plants on its client list after only five months of operations.

hat is the few months of its cale- a vital need tence, and in a typical day obusked by Aviation News was able to find 60 firms out of 60 re-The Breet submidiary....Material

on December to Seart Receive need | New Business Set Un-Officials to help other communes move nimeler stocks. It is a clearing the result of two years' experience Warehousing Plan. The camerience ruleed by this subsidiary officers and devertors are Ethert

The surolus distributing compuny was organized when other of the Beech Co. readily asteed

Naude Very Laur. Mrs O. A.

to Nobir's plan and a new lave les at various plants. The combolder. All officers and directors of the commonty are connected with Beech Noble is president

> have been selling at considerably below market in order to clear their impenderles. "We try to set

b Reporting Problem. The manor rate channels useful to war production," Noble said, "was that of tions. The more antiquity contracters usued periodic lists or citizen of their surplane and ele-

SPEEDS AVIATION GASOLINE OUTPUT A blending goest for 100-octave apiation assoline is made in this serihowever, found it impracticable to

Material Distributors was a gar-> 100,004 Beans Listed-At the end mary than 100,000 news luted

During April, the company is 402 recessed for 2.540

We try to locate the materials. we my or marker the management rective burer," Noble sold "Wann a request for an item opener in.

Free Charged-When materials \$98.900 and 5 percent up to \$100,-000 is obserted for the arrests "Or a saffer might make," Noble said

Material Distributors owns no

\$63,975,561, there was left a net bytacing total net record to \$55 -This was induced to deductives of \$272,000 for interest said Co. nadius exchange and sarder tiens, making net movese before Assured this sum was charged \$5,604.003 in moome taxes, \$41. 044.429 in expens gradia taxes. making a total tax charge of \$47,-665.484 Agreent the was a credit

ber of different lists to falkil then

riels. This investory now lists TRATE Share 500,000 steroe with each of the AAP propurement dis-

United Aircraft Net. Salaries Listed

200 during 1963, the accusal reper and charman, got \$77,500 and Jasuch E. McCarthy director and

so denrea.

conta of \$4,100,163 and post-way controller, \$22,588, white total for the claves directors was \$377.185. not including \$1,522 for refine, officers. Minister and Revenues-Officers other than directors received \$247,549, not including \$9,972 paid for refirement-income annualisa United Aircraft also pard \$279,250

more than \$33,000 and, embudoe Unried Autorati Corp., and its Aircraft Service Corp., reported \$774.07E.136. Operating costs and expenses were \$671,599,507. Beconversion Costs - Deducting \$4.337.696 for procesyerator costs

the controls of Bell's believester as he put the craft through its pages the first time to this country and the second time to history that such

ration abound not income of \$15. Navy Research Gets Excess Air Output

hearings on the 1845 rays! arrow-In all, rence than \$18,000 000 will

be speat during faral 1945 in ex-P Aviater Training Reduced-The of moval aviators was in a table

while the serial payuration train-

mates for pay and allowerous cal 1966 and rely 22 230 re. facul 8,582 to 450 and in reval flight preparatory ashopia from 7,792 to 1.000 The lighter-than-air proerram is beand out from 250 to 38

flight complements will rive elightly from 3.535 to 5.650 and from \$360. Approximately 3,000 unit will grow from \$.000 to 5.400. Marine aviation during front sisted More than 10 800 effects and squadrons in the Fleet Marine

Timberlake Named Deputy Air Chief

lake has replaced Brig Gen Ed Brid Gen. H S. Vandenberg and Bris. Gen. W. E. Hall as the other depoles. His new assuranced has

PRIVATE ELVING

Parts Producers Group Expands To Meet Post-War Aviation Needs

About 170 of AAPM's 400 members were into manufacture of plane units and accessories as onebreak of your and over half of these plan to stay in field, investigation reveals, Be BLAINE STUBBLEFIELD



About 128 of AAP20's 600 marsbers, Belufing such names as Thompson Products Bendix Aviation, Stewart-Warney, west use sylving parts when war production pressure come on, and more than half of them plan to show to aviation caused for naspelation Automotive Parts and Represent

make auto parts seer shut off by WPB, and aviation parts out the engenties. The manufacturers are in eviation will be more than com-There could to be \$7,000,000 core in this country; 23,000,000 are still fraction of them soil he less than four or possibly six years old by the time delivery of new cars be-

1642. At the rate of 4,800,000 cars.

a year, the seductry's year, it would take about an years to re-

regustered. Thus wall reaks a take.



Frank Rising

of which on rate new cars. Thus lean avaston neviod. Of course most AAPM companies are produring for many industries other than aircraft and automobiles. Produce 10% of Parts-Prunk Barners Week magazine, new general manager of AAPM, says in normal tirers 400 are receivers of his group, and that these latter The great bulk of aviation



buscheon execting in Detroit. Left to right are: F. C. W. C. Williams, Borne A. Fay, Willand P. Brokendi Crassiand, vice-president; J. L. Maris, recreases and P. Fergsson, Arden W. LeFcore and W. D. Rebtressurer, G. A. Shallenberg, A. G. Drefe, Neil A. mass, also directors, were not present

AUTOMOTIVE AND AVIATION PARTS MANUFACTURERS BOARD MEETS:

AUTACION NEWS - Mrs 99 1844

many of their system products are the same, or of the same femmobile manufacturer. This is true of such companies as Enton of AAPM is to farmed members and services which are for the receil labor and government relations and regulations. When the War that affects the rards makers.

Officials of the association, back so 1960, say they asked the Arroneutical Chamber of Commerce to farnish its members with Wash-AAPM says it changed its name only after it became overcood

> Questionnico-At the close of 1841 AAPM analyzed exectionneary replies from the members in self if was 76 percent to 160 per-

Port Management Courses Offered

em California, Tevus and Oktahoust-are offering or planning for built after the war is variously estimated at 1000, Stanton said, For Licensed Pitots Only-The trained personnel, and expansion Arrant management uniquitely

lished profession, in which courses

will be offered by many schools



sautical engancering by Harney Firestone, Jr. (right), resident of Firepromisent of Princeton, taking his first ride. The craft was built at the Willow Grove, Pa , plant of G & A. Ayreraft, Inc., Pressone releaders.

"Drivurselfs" Eve an effort to find out what sort of aviation services they would like Plane Rental Field Association president urges co-confession of six ground units

sulgect of a report to the Ameraon Driverself Association by tivities. He also recommends insutprachiles at ground destinations Who assessment has the 143 associate members in \$1 cities report, prepared with cooperation from lightplane manufacturers,

not be able to afford personal planes while operating costs per of the original investment. Rabic hours a year, compared with selfand between air and ground ac- PExample-Under Robin's plan brown recohandners of sixting true to Manchester, N. H., would to to the ADA office in New Tear to Station, supplied a dyur-

He suggests that commercial their own fleet of plante Robse urges that flight instruc-

Aviation Gas Rationing Expected In Move to Increase Auto Fuel

OPA reported under heavy pressure from motoring public to restrict flow of gasoline to private flying and taxi service.

next few weeks. Office of Price craft fael rationing which they Administration may it is under in- would leek postified in offering to the motoring public OPA has preliminary informs. non from the Petroleum Advers. strater for War that the industry can make more automobile races plane groups, of everse, would like fuel If PAW makes a reality he on wolld ground in any order

but reached no conclusions, OPA and frum) bmit on motor boots.

So far as can be learned OPA

in fuel supplies outside the wall-

curteding dual for non-scheduled Buible NATA the Agre Chamber, registered and lightcline figure NASAO. NAA. CAA sted other in the poly motorgied activity in crosses renewanting the interests thus country which is not restricted stars have not in secret meetings tary, and essential provious such as with OPA was rationing officials, the niripos. There is a deligite

R" commons he asks for. The are 5,600 of these Iceal boards, and since OPA count keep in eye on all of them, undoubtedly applidifferent localities.

lown mayors, and the lake Sup-

plue of farm equipment facin are

26.65 orters residue current bustored and therefore there is no lowed to use it OPA's realy or that there are as not he restrantions, and they can so shead and Diversion Belleved Neckrible-OPA has beard of avustion gasoher here directed to use by moformin but has no specific evodence, and does not believe the practice, if it exists, is very exten-

National Assistion Trades Associstion cays it is orivined that OPA tions on applanes: \$0.65 hp. 5 gallees per hour; 75-88 hp. 1 gph; 90-120 hp, 9 gph; 145-lep hp., 12 gpb; 200-250 hp., 15 gpb; 300-609 hp, 20 gph; 600-600 hp, 25 gph; 606-600 hp, 25 gph; 800-1100 hp, 65 gph; 1100-1200 hp. NATA urges all interested parsome in to OPA if they hope to 19000 Privating, OPA save it is

petting them in large numbers. some frees Congression through whom protests have been made Airport Executives To Meet in Chicago

AVIATION NEWS . Mry St. 1844

one of the principal subjects of discussion at the referral meeting of the American Association of Airport Executions in Chicago. The convention, first since 1942. will molude for the first time an "American airport forum." Sepstems will be hold at the Sherman

SUGGESTED CLOSE-IN AIR PARKS WICHITA'S PROPOSED CITY 'AIRPARKS' Map of Welvio, choosing the cuty's corporit eiter and their relation dutimes free the description and residential districts. One site advant the downtown district and two others are near bury Donoles Apr. Upper site would serve the industrial district and two others residential

THE AIR WAR

AAF Engineers Play Vital Role In Airborne Tactical Operations

While the builtiant airborne

Cooff procedure planned to Washington and used in central Button actually one its first tree on a small scale in Law and Salamana comperge.

"caloff" operations in Central Burns were beste planned at by an effective air blockage Within a few days, two beliefers with buildeeers, graters, rollers uary, 1943, had strong along for see months. Last supposer in less cuttur engineers; electric hebts than that many weeks the more important bases of Salamana and strip marking, etc. of new agricults in the Markham Valley, Lac was ours. Once again

military advantage, surprise. And stroved over 300 energy strengt to the Wevek area during one week in August From this same PAir Commandos in Buress—The equipped paratroops at Nadrah te-

another. Air nower beering on the rane and skillful accomplishment

Ool Philip Corbran ("Plip Corbie" of "Terry and the Prater" palot-training days, they were up the mound striking force, and

its veriety, including Doughs Storman (C-67), CG-4 cliders.

adapted Stinsen 166's) new, heavboosbeen capable of currying a 1,000-Ib boreb under each wing Cliders Land on "Broadway"very center of enemy-occupied named Piccadilly and Eccadway in knowing with the result Wellish and all the gladers were sent to





forward air marement closelys the insures field

equipment, including Army major and buildeners. sage corried in by arrolane as the First Air Comreands Force moved up. At the looking bare for the strange, the recolestrant realer objected to his first for the aveiling troop transports

Think what Will Mean After

"Flying Horsepower" Victory!

Socony-Vacuum's New Super Fuel, Result of 11 years' research in Catalytic Cracking, promises Super Performance for the Aircraft of the Future!

rgress see yesteen that you're

neuverability and safety as flight

fature, on "Flying Hamepower" as the support grades of Mobdaus



GET THE FACTS ON Mobilgas-Mobiloil



"Briefing" for Barres Landings: The Isse May Gen. O. C. Wingote (in heimet) is shown brighty Assertorn and British officers for the glider

Brondway went't so prooth on field only less than 60 males away! the ground as it had looked from \$Short-Lease Airfield-While the

a landing strip, and by pose bad one ready for the L-F's which were

> Represe in a Day-By sycrete and wider nasway, and by 7 30 rs, piloted by Brut Gen Old, chart

rived, followed by the third in 36 asconda Here was a shuttle secrete with a verguance, and a Jup Schitch following pight a runway was reedy on which the first C-47

The next morning Jap bombers

in another spot setting up anrent. When he stern to consider lot leadership in North Africa.

Gen Usher Honored

sty commander of the 12th Au Merit General Usher was myen has decoration by May, Gen Max-Air Commundo sliders landed sev- eral of a forward new saland base eral miles to the south and by the in the South Paritie.



FOAMITE SAVIS BURNING FORTRESS. Behind what tooks hite a blumerd or a Flying Fortress which has been

assed from burning by Pozrette, a chemical sprayed by a USAAF firepilot. Light Bernard T. Kuldwayer, resided on the restricted need PERSONNEL.

by M. M. Calver, who was vice-pires

Tam N. Tevler has been named dis-

Taylor, a Team, had several years

Roward B. Dow, vacr-president of 000 miles Prace to passing Par-

After Debere, former perspensel manager of the North and Judd

AVIATION NEWS . May 22 194

Cast Educa Janes, artists AAP 1960deal representative Cost Thanker Argrepaine, assistant AAF Opera-

tions officer, has been appointed asalso will serve as operation officer.

Date Medical has been named emplorment manager of United Age

Chicago Med-

he was with United Air Town of

After A Arriva consulting consame pracade applies to passengers

OF ENGINEER HONORED

unt tande for Dr. Meer' outstandthe ampleme turbouspercharper

cross Frederick Ester, Strengt's st-

will head the inspection of subcon-Lores, William H. Greekell, AAF, 810-

conds Lores Wilher Secures on realnear at Clone L. Martin Co. has dent officer for Chicago and Southbeen advenced to head a new core- arm Air Lance Modification Center



AVIATION CORP. DIRECTORS MEET: Directors of Assisting Corp., are pictured at their recent receible meet-

me Left to make standing one Beaution Name Best Conney, Welter Magenten; George Allen, Arthur W. Herrington, Carlton Mucher, 5. E. Meteometh, of North American. Dr. Dweld Hills Devenues is now di-Avaidon, las, his been assigned to Ville Arend Corp as factors ing Deller B-B's delivered at Tuc-

Thomas F. Demoney or Continental Air-Lines' district truffe manager at ance the new







LETTER WRITER FEYED. Kroney S. Merratt, right, general asbonitracting asperintendent of versager of mable relations of Solvey Express Agency, sequ medal owerd for excellence in business letter writing from Gene Sales Executive Club of New York The award was esade for a letter reguled to 50,000 air expercent return it offered burnners secondaries and chappers a hand-



rector of business research for the

Cartus-Wright Corp., Airplane di-

vision, succeeding Bartes H. Websteconomist of the U S Euresi of

W. Green Commissional Visites Fort that it pictures from some a conson Co, and then paned Lockhood Autoraft Care as an engineer before

ing department of Profit & Whitness Forey, Charles A. Morro, 22d Charter R. Wells, all designers, were promoted to design sequent engineers

R. J. Dickery has been accounted to



promise other of fore coming to

Trieds, Ohio, Learne of Warner Voters She offended Sweet Bris.

public relation department of

Changes at United for Lines reclude appearanced of Cast Robb J. John televal Doiled in 1983 after mx years an priot for Bosong Aur Transport, a poled in organizing the AAF trace-1942. Vistor L. Theisser has been named experimer of tabulating, having speed 15 years in the ac-



WINS UAL CERTIFICATE Ward Canaday, prendent of

of United, is making quarte to becomes and came leaders who press service into Washington,

AVIATION NEWS . May 22, 1846

The incurries and "know-how" that has made this great organyour guarantee of skillful, economical postwar operation.

------Milking Stool Principle

RYAN PRODUCTION ENGINEERING DEVELOPMENT NO. 52/

solves JIG STABILIZATION For years engineers and avocad to develop sircraft production ties sincele in construction, capable of being easily moved with-

out the necessity of being statigned, and baying subseres stabillity so as to assure complete accuracy throughout the entire Knowing that any production focuse is no better than its base.

of the ordinary three-legged farm making stool which remains

Ryan scoling expens employed the antalise engineering practicals of the militing model. — The thate legs of which always game a tight sent attemption of whether they had a lared base or not. They reasoned, whip In similar manner, Ryan angineering and production methods are constructs solving the problems that daily haves or delay fur concerned production of warrdayes and arceuft assemblies.

travies a perchaption instrument to be reakened with in war it As inherently sable us, which is elegand a

Production with wide subsets, that

RELY ON SYAN TO SUILS WILL

Bywe Agranactical Company, San Disco - Hember, Already War Production Council, Inc. 1922-1944 Designers and Builders of Combanant Type Airplanes and Exhaust Monifold Systems AVIATION NEWS . May 15, 1946

R-301

the ALUMINUM ALLOY that have been



R-301, the New Branches betterown activeness allow, combines high strength and resiliency for the first time. Elasticity and themselicately no vitally important in absorbit plantic carego without fractions, are inherent properties of this latest Reynolds triumph of metallicers.

Tests with senso-pieceing shells have proven that proved for proved E-301 surpasses former sensor metals... and that's why new fighting planes are protected with this latest Reynolds alaminum allor.

R-201 is the first high-energyt stansinous slop that has a bridge one or will as a rough surfaced hilfing, with a corresion relative classifiage and a 90-25 distinution. The classifia is a good a 90-25 distinution. The classifia is this sold still other important advantagetipher beincip, descript, with an effective strengths. R-201 is now morbiole than pervious light tempta beinging sould silvey. From the intellid extensions taked to the final litherature, R-201 is looking produced in their tempors, with R-201 is looking produced in their tempors, with a substantial street of the litherature of the contraction of the street of the street of the contraction of the street of the street of the contraction. The street of the street of the street of the substantial street in the street of the substantial street of the stree

Metals Co., Aluminum and Parts Div., Louis-



L301 being tested for hardness. It has a tough sladding a well as a strong ones... and a corresion resistance alment as good as 90.3% alumnium.



REYNOLDS ALUMINUM

AIRCRAFT PRODUCTION

Plane Plants Readjust Schedules To Meet New Draft Requirements

Easing of rules to pennit retention of 26 to 29 group-source of much supervisory personnel-for at least six months, is bright spot in picture.

ers to the year scientist service and industry leaders are readjust-The indistry has been recon-

Silver Lining-The new regula-

war jobs or in "support of the na- He termed the new regulations have assurance they will not be

> Reflet - Most industry execu-

At the sime time there have been some expressions that the P Subsect to Change-Mail Gen-

It was the consensus in Washington that the new regulations



shown a POM-3 Marrier equipped unth the new denice

will stick unless the nation suffers Depend as Invades. The new

The aircraft industry undoubtodly will save some employees

war-supporting tales can expert Draft beards are soven wide lat-

Drop Tanks Raise Mariner Range 60%

New Martin device reported easily adaptable to all types of Development of a new dress-PBM-3 Moriner by at legal 60 per-

Porter boots. For the 90M v. Mariner, the Pierson spenson timbs although an additional number of

The forward sections are at-

is normally affect with the re-

The Jap Cheater

Marry on American Solver wifet has obested natted were it not for the aircraft radio! But neither could it have been Assed above the

the ignition system of the against cables had So work that keeps nearly a repetation and bumber strategy, and the far-flow operations

But the tremunks of the last beenty years

are of interest to Tisoflex today chiefy to that The problems of intense heat, extreme cald. increast vibration, and tremendous wind

rests of 10,000 valts - all these have been solved. But they are merely the stension stones to the seletions of neather solution You are invited to consult our application em sincers for any assistance in shallar problems

TIVESTEE INC.







WING TAKES SHAPE IN CHRYSLIR PLANT tree and now well be placed in a dolly for feed filting out, which well

Kaiser Sees Vast tion. The tanks are so desarred Post-War Air Growth Street change on Recovery person by means of a gan-bottle release Henry Kaiser stooged down last

bigh abilitates, and rough usage + Abend of Schodales-Now that

Fairchild Trains Aerial Cameramen More than 1,000 men and weenen of the armed forces' normal

relaxit and sale of \$0,000 personal Labor and Payrolls Cut-The Pleas man-hours dropped from around for increased officiency. some of the sections in Long. mechanized and the number of working stations increased from a exemined and revised on a real-

the plant is 25 percent about of

Accommitted Corp., but indicated in a success before CIOs. Detect

covingons 3,000 to 5,000 arr ber-

schedule on its Navy contracts. Kaiser will region and James Work by the voting trustees appointed

of Kerry peneral manager of the Beard Changes - Three other Kriter was been related to cock, Jr., Lamued F. Hershaw and Herry F. Marton. Others are Zero. Westervelt, William Fulton Kurte

Krawy and his group linked the Navy renegotiation devoceds of far-reaching consequences Brew-

inficated whether it will repew completed, probably corretume this Challenge

Anappropriet that the Conadian-balli Deuglas DC-4 transports will be powered ment by C. D. Howe, Mariticas and Supply Minister He read from a letter from Land Berverhook in which Douglas engineers undoubtally will dangere with the

statement, page of it well known that Douglas is planning to matall bagger orgines for the DC-4.

Lord Beaverbrook expressed tion and added the hope that further progress on the build-

CAA Offers Plan to Liberalize Airworthiness Requirements

Program would permit manufacturers to turn out gircraft designed to meet only tests provided for ceesain type planes. As part of a plan for liberaliza- > Rensirements Rule-A green of ree of appropriate parallelements. leading accompations and reserve meanfacturers would be permitted to design agreed) according to the planes' special uses, under a new nutral Chamber of Camperos. restem offered by the Civil Aerainitiated a pregram but month costics Administration. The plan-(Asserting News Agr. 24) to is proposed with a young to make social airplese without additional tweet of streets. They accede

discussed throughout the industry The CAA waspout has been disare breight a step nearer by the custed informally with the Aero-CAA action, although that agency nautical Chamber, but the wider possible expression of appropria Ascensative Board to revise the P Different Needs Cited-Fred M Carrier Group Urged - The

Lapper, CAA director of safety regulations, explained that, under the proposal the family mrcurrier group, the tentative cateseveral rought he nest sain additional earlies survivated by the engagests | Primary Manageres - Transfer Asci. buzgage, passenger expectly, industry discusses are acrobatic months for any entruer planes well of tremme, general purpose, trans-

port planes are in effect, but all ather classes of most aircraft west knowledge of surplime design, plus an expanding market, makes a requirements practical at this ples, manufacturers seed incurservice realy those denim features

contail officences of the decree for he mustble to have a stone carcategory. For example, an airplane meeting the training category renounds could be used in seneral PATROOD POSTSTORY CUTTYING A

A new trans-Atlantic mond record of six bours, 95 executes 2.300-mile fight made by two Mercasion, both of which broke the old record The revenieted the run in seven elapsed time of the fasted place from Menteral to the British Isles-3.100 votes was

rest a little more than ben

Fast Mosquitos

consistent with public salety. He and the CAA believe that their General coloregues as a step in that firection and stanted comment. hater alones in the top strength flight, and visibility for apprhalis

as spins, chandelles, wang-overs sto, but not abrupt acrobatics such

is converted from an economic a Safety and Ibility-Larter said could management mixely income ampliane to the presient degree be considered as separate cases



The DC-67K, remned madel of the Porwarder, is now propered by the 250 kg. Rauger ongine and to coming of the Ferrchild essentity line to

While the surworthness require-

sonal plans group is concerned. If

the CAA is desirous of currying

can its speety function as a way



Miles become blocks ... by Commuter Bus?

Designs for proposed sireralt of the future center on these important developments—serial lead-correing and representability. The let reproduct Plane exemplifies a development in speed. The hory Flying Wing may be temorrow's freight carrier. The ideal in managementalists -- all-depotency control including vertical landing for passenger pick-up-is emphasized in the Heliocopter Bus shown in the Gedder design. Back of these developments recounts an individual problem of power transmission and mechanics of conteel. To Paters will be assumed the took of engineering friction out of all territor points, of engineering into

through performance tested half bearings.

This task will be a Fafair responsibility as a logical continuation of fifteen years of the closest possible concention with accountical enclasors during which period the america accomplishments in avention have taken place. Even today, Fafzir engineers are cooperating in designs for strengt which will be "everyday" teconoctation in ten years. The Pafers Research Co.

New Britain, Connecticut. FAFNIR *

maximum of amplitrity, efficiency and dependability BALL BEARINGS for Aircraft



The graguaty of laving any publishy charge, with after abstraling to sity. Most size, via the Belinopter Committing Dan. Compared with to day's the particular of the particul





Automatic Pilot for CG-13A Glider: Successful tests ed in watnesers nonel, with Sarrol and Joseph have been completed an atthication of automotic pilot. Ivery part below, and the small propeller franks

Developed by AAF Laboratory- out benefit of high tail winds on-

Automatic Pilors For Gliders Tested

western Appenducical Corp. flect C P Barron, co-pilet, in the Tests rust completed at Manneglader, and Col Bruco Price, in spoin, utilizer an automote m-

As a result of the matellature. P-51 Record Shows Plane's Real Range Macledes Gyroscope-The installation includes a syrocope attarbed to the instrument penal

York-a total of 2.464 miss 2 was a stock madel, rast off the sa- at Wright Field For takeoffs and landones, the b Flow 439 Mph.-Cel Class A gilder pelot wars marsual quatrols Determon Gan. Hanny H. Avnold's on the true which was reads with-

sing an for Carter's man-store place. Tell wands saveraged 20 wiles on hour. Both street left rules. The provious official work ower a distance of 2,445 mice. Afflew Post Acres "Manness"

The second-breaking hop of two "over 500 miles." The plane prior-Musteur in 1960, and Corter being many micts to be the ton overhal used, with Thunderbelts, in sec-

wang span is 37 feet and 16 to 32

and in the Pacific on some lone ung a four-bladed propeller Dis

TRANSPORT

Northwest Tax Decision Seen

As Vital Problem Facing Airlines Scrious complications predicted as result of Supreme Coun ruling upholding right of Minnesons to levy on all of company's air fleet because planes are based in that state.

By MERLIN MICKEL

Spancial difficulties unless Con. Manuettassent BreeducThe sergreat provides a solution was moved and, or remarkly view. that types Court decision in the Nurthwest rinter in which a line has rooses.

state In effect, of established the

time has come for legalation to strictional authority, and the ray-

of any part of Northwest's fleet b Cornelications... The Ave. Trans. suplications, commented unaffi-

dially that either of the two years could lead to dissettrous complian-The majority opinion on ATA source possied out, might mean through a full personal reports

tax by individual states where a line operates. A quick check showed that this would mean 22 tions within their baceers in effect > CAB Members' Attitude-Indea-

were to a problem which an-Dec. 13, 1942 That Northwest



CLARKSBURG AIRPORT NAMED The new Clarksbury, W. Vo., sympet has been noted Benefiles Airport

Board, on the left, and Charles B. Donaldine, director of aircosts for

for months, the case had been watered closely for a possible lead in solution of the tax problems of Northwest has routes between Chicago and the Pacific Coast and sate Canada. When the Missassota east first banded down ats decisize, NWA operated in Minnesota, Blinces, North Dakots, Mentage, Oregon, Wiscomes and Weakingcontended that Minimumbs could good within the state. State off-

cials argued, in the view upheld by the U. S. Supreme Court, that converse was described in the J. A. A. Burnourist, Mennesota retorney preparal, sons the decision. The rubber, he mid, "determines the rights of a democillary state to

tax domestic corporations when engaged in intermale commerce. He mus the decision as a victory for the state and Banney County. tax meecy and it establishes for Marichelos Mays Experiedos

Court documen the next Misnesota State Lemalature may consider Longer than Justice Frankfurter's pointon, in Which Justices Black, Jackson, Douglas and Marspined Justices Block and Jack-

Northern Route Open

Remistly scheduled mail, conreturn and express service to Eneand via the North Atlantic reete is flown in 24 hours, including stops at Shedine, N. R., and Botveces aga. 93,999 managers book crossings. The northern route is need by PAA only in summer.

American Granted San Antonio Stop CAB rating sliows third line

connecting Texas metropolis once with a Civil Accounties American Airlines to add the on fashts over FAM 26 between Fort Worth-Dullar and Mexico. American will be able to offer single carrier one-plane service not now available. The present service involves connections between Brazall and Co. Mesosana de Aviogen at Laredo and between East-

\$35 Miles Of Bests-American had suked to serve Sen Antonio.



WAL TRADITION

matched come that before Kellin richt to ones WAL's new Les Anvalue of flight behind them since

The new step will elements the long pop-stop Fort Worth-Monterrev fight, thereby recreasing the

The possibility of "merry-serecord" service between San An-

Assences is now fiving to Mexico on a temporary certificate. The eveloping to make this nuthernration permanent is consultated with the Latin-American cases UAL to Ask Permit

For Anchorage Line castics Board for a 1,600-reals and Alaska Harbel officials from

Urated also appounced that Lumes, its Mexican splendury plane to spoly to the CAB for routes from Mexico to Los Angeles,

W T Miller Dies Parrent as a night offer, and an authority on perconsulical prok-

Thomas Miller, 49, chief of the Accompation Administration, died in Washington last week. Filter in Warld War-After some war. Miller realered as a lieutanant in 1922. He torned the Bureau of Air Commerce in 1927, recommon one His knowledge of the South

The Pink Trainer

and classroom studies combine with actual llight experience to make top-notch



Later . . . as commissioned adots . . . Aviation Codets of the Army Air Forces will have mastered every estations of the madern already engine, theory of flight, perfection, meteorology and aircraft recognition No phase of terimine is more important than Premary Training. Here . . . in this work . . . is set the hours been to accumulate under competent instruction

toin for our Assation Culeta.

Through this long our error car neteron technicisms—both



from 1935 to 1937.

Court Upholds CAB's Civil Air Powers

Nexada beach also recognises us thorner of CAA to enforce regu-In the first pulicial proceeding triet Court of Nevada uphalds the Based's authority to make Cred Northwest May Add within or between states and on or The decises likewise recegnizes

Authority to enforce such regula-

The case grew out of a flight made by Andrew II Drogge up unhoused prict, who flew an unvada and California re 1862 in b Cites CAR Reline-Judge Frank cition, core a CAB finding of 1941 anowhere in the navigable are constitute a hierard to interstate,

Defence-Drumm held that the any federal facilities in his flights.

Chicago-Seattle Hop Also plans to expend service to

and third returned to Northwest

AAA Asks Permits To Expand Routes

Compuny reveals espansion plans on fifth anniversary of operaoutlens with CAR to add 6.760 services to 549 addatased communities, and in addition spokes-

expand the service to 1,500 commerentum yo 28 states and add 25,-The air mad poekup device which originally was designed to welstern veryoose With the extern property used by the AAY are

viewed on important role in airb Pioneceed Package System-The most and my exposus are picked up

and delivered by an appliane in Halsey R. Bunky, president of All American Aviation, receiled that five years ago this month, perimental routes established by the Past Office Department to test





Nerthwest Airlines by the Army. In one, mainte- the plane's interior

service to smaller communities have extended trial they now cover five routes teaching 116 Betley said puriesp planes have quarter of a million pickups with-

or cargo. Meeting to Discuss Cadet Training

ficers and operators of Army occtract fleing arbooks mosting May Sucakers will include: Mai Gen Gerald C. Brant of the Central Training Congrand, May Gen. Ralph P. County of the Western Treasing Command, Mea. Gen. William G. Buller of the Eostern of Air Staff, Training, Brig Gen W. Welch, Deputy Charf o manching general at Bandolph Thomas Beck, sevendent of Cro-

Air Traffic Parley

The armual are traffic conference bosts. Business sessions will be plicaters Call or want today Valley Banch near Grand Lake III L. Welch Porne, chairmen of the Civil Arronautics Board, will be traffic manager, said in amounting details. Officers of the conferport Association, are Charles E

Insted, vace-president, and M

Brdfern ATA accretary







coup or president both any angular and J. W. Coombs, ATS president

> less Yards Alexands on Engine Goldence Harry Rockleyer as es connect to the



ANDIO WITHIS THE Dec. AT I Milesdee I Milesdee Phoneson I May --

AVIATION NEWS . Mry 23, 1944

2 Trade Area Lines

File Applications centity to sufficient local one-ra-

The applications filed by both

3 26-Day Notice-The applicants med he conventioned observed. Wood , whose programme is convey read, generative And proposite or conventioned attacks and beforeher in Workshopton. Deeper and Judich Colombia. I Friedriched Philips Borrion Origine Park. Mr. Architect Symmon a Borlind Park of Act Search Symmon a Borlind programme for the proposition of the property of the Born of Marchael and Extended reads of Born of Marchael and Extended reads of the property of the property of the Born of Marchael and Extended reads of the programme of the programme of the property of the programme of is contemplated, followed by a public CAB hearing if objections The applications hat specific routes

P Fire Routes Listed-The Houston



E. L. Leek, Gunte, Nin, orbid a partitional distribute operations between Minim and reports aris jon attion. Expressive engalement, PAA, best proposes relations and pa-near and accounts arrive using ill passenger relate or March.

To occupied examples of outliving stations with functions of the warm

Data on Removed Plane Seats Sought AAF bendameters in Washers

The data will cover quagitte A Underweiten for 1166 066corneved. "Under no circum-P.A.mond Note: Co., Menghis, for a corporate to reduce the color relation of the relation and other relation. stron.

Lavener K. Yan Nye, Detrill, for a notifical additioning as shreet between fistenes and London mercung paperspore, property and med by conventional allowed.

il was said the alrines, hard read by recoveried, for a lang Her Jessey

**Liest. (gr.) Jes V. Birkin, W.S. Havel Ale

Edden, Horsens, Chile. Chil He for Gentler

room Linking Wildracken Dity with politic in

marky stales. He taken in from a respec-sion by the Committee of the Committee Ale

Orlandon Sentence of the Committee Ale

The Committee of the Committee of the Committee Ale

The Committee of the Committee of the Committee Ale

The Committee of the Committee of the Committee Ale

The Committee of the Committee o

ATC Evacuates 700 Casualties in Week

Air Transport Command, which belood proper at evacuation

Giles Deputy Chief

Personal Recovery has directed INA he appainted Deusty Corn. mander, Army Air Forces, in wido-

"The none sets to be terrific as

you specieth the obsective alti-

tude on these fights. The examin

nower see compounded, not so

roar, but in the high-frequency

Noise Intendiged-Definite evi-

dates faligaing supersonic vibra-

as are not noticed at lower alti-

What can be done to unsteet

olimes have commented upon

The rotch seems to double

Study Noise Factor In Altitude Flying



Bendiy or Limit of Profit Margin Cuts

stockholders that Bendle had non-ly reached the limit of its shelley Expansion Unwed sion for war production and neces-

both crews and passengers from effects of tiring vibration is being \$918,753,604 in the 1943 deed I Jet Proposion Study-Insurant

"In realizing those retrospiny price reductions the company is

tered because of the almost unique military air training program.

Net Sales Up-Consulidated net \$7,256,584 over those for the 1943 vacce at \$77,377,000 for all direct 22. 1943. socied \$1.614.501.100 concured with \$1,144,663,283 -

Breech declared that it was resensible to expect terminations spale the continued great demand ndded, if may show some declines

ROTC Air Reserve

gualisation inorganing civilian An over-all Air Beserve BOTC.

seronation! "West Points of the

Practical help for you in these

the fundamental content and a company weighted stricts in each followed by making problems for proving by the reafes. The work demonstrator for Over Segme and must exist the Content of the Content of the Content and Content of the Content of the

AIRCRAFT ANALYTIC GROWETRY

to All I, Design Country Assessed for State of the Country of State of the State of the Country of the Country State of the Country of the Country

This book presents the authorid seaffed by these who wish to become conjugate fractions to the large store different of conjugate and incommunal efforts force after a glood story relevance back than will half the embastic in his work, in the

to acplain and their control and construction and acceptance of acceptance acceptance to the acceptance accept

hand no the best should below by 10 days benchmarks of species. In 15 days with his for the back, this his hard market or carried days part of the best species or carried days provide. Whospecies or a part of the

Assistant and Africa Allert Andreas

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OPPORTUNITY in Sales Engineering

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Rules Tightened on Mexican, Cuban Hops

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FINANCIAL

Investment Trust Survey Shows Sharp Drop in Air Stock Holdings Portfolios of 25 major funds have only ten participations in

any one sirline and only six in any one sircraft property. While arising shares continue here was Incorporated Investors. with 37,000 shares. One of the 000 American, 24,000 Northwest This is revealed by an original analren of the portfolion of 25 major and 20,000 absenue of Pan American funds reporting as of Mar. 31, 1944. The extent of the aviation Ocea, owner \$2,500. This Irest

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owned TWA In this matance, hoseover, TWA has a for more no-Co which last reported owners The share and dollar investment almost half of the airline's total in the sir transport group was relstreety small but far greater than trusts moreor the public apachy for

Animan intillage of 15 general freehand treats commissed on all March III, (figs.

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held first runk to dellar awares 75,200 shares of common with an appregate market voltadies of about \$1.756,500 The his holder 200. In point of dollar value, Bendix leads the group with 5 funds owners 20,000 stores having an indicated market valuation of

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b Convair, Basing Absent-Spreit, the former, bosiever, Aviation An interesting sidelight to the trust perticipat exampled in found shares, long widely exchowed, have trusts easystaed is of more than construed to be very promount.

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stres recurity There is even a positive hearish view of the sercent posture in the short interest of 5.295 shares of sold shert to of Pets 29.

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Airline Directors' Affiliations Listed

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Connections of directors of Pan TWA, United and Western arrest TAN AMERICAN ATTWAYS CORP. Charles Francis Adems. In Scatter, John Hos-erch Ratinel Life Innovana Co., America

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Cessna Plans

Stock Dividend Centro Augusti Ca store to declare a stock dynderd on the basis

of the 359,000 shares outstanding by stackholders of the recommended increase from 500,000 common to 1,500,000 shares h Ask Liftley of Dobr Linds-Stockholders also will be saked to

For the six months anded Mar of \$9,745,161 for federal uncome and excess posits taxes and \$306,-508 reserve for encyclision from war to possetime operation. Net is \$2.13 each on \$50,000 shapes

Financial Reports

Meropus Alremét Corp. reported for 1943 a net morene of \$104.546. compared with \$140,820 or \$1.12 a share in 1942 after renoralistion Not sales were \$4,574,482 compared with \$3,363,735 in 1942

AVIATION NEWS - May 29 1666

Clearing Away Confusion

percentioned accommendation and unsaformed. Whether Army witnesses were morely orac-outhu-Unworther of the recent hearings before the of a Congressional commuttee to study post-war problems is usaque in this country. The precedent

west not be allowed to full on a result of nubbe The committee, under the leadership of Ren. Wooddendlines and needs reach me hasty confusions. It a unlikely that its work will be completed at this sec-

All of these fects have been reported by Avantage News but they must be recented in light of the has been "thelwed" until fall and might not be renot have originated or directed lagualation to im-

and powers of the committee is a most point. But canons, started a string of explosions which will re-

The Nievy, forest with the createst navel way in bushery didn't look ton stonely at the compatited's background and its reason for heart. Aroused by ing the Army's plus because its first interest in to

Thus, the committee learned 1800c about what the ging over details rather than a colm approximal of Other vital subjects are set for discussion shortly they allow their stetements to become emotional

Breeding Distrust

TF THE CONTRACTOR SOUTH SET AND INCIDENCE A clear statement of its position with perpect to nest-war international available, agreed upon by both the legiclatest and exceptive branches, we would not have next-war air conference with Lord Benverbrook They doubt the latter So does the news On May 10 the correy Beaverbook told Lords that Britain had accepted as American personal that there be freedom to fiv. land, and to ducharre and nick up unmeneurs and read surveyers in the world. The next day there was a report that Beavertrook had

told C. D. Howe, Canadian minuter of munitions and supply, that the U. S. accepted the principle of exchagive Errinh right to cabetage within the columns and The same day another report and Beaverbrook told Lords that been traded to this country for destroyers sould be used only for military purposes unless he hoped an international authority might exsirci

These developments tracked off possip in Congres Barla-Bayustrook rost-war air talley. The Scrate any binding agreements with the British. Word was permitted to so out of the Avintian Committee that Berle had said his talks were purely employeeny. He has never tald the correction, it is known, that this precented favors more than freedom of commercial transit, or the right to fly with permission to land for technical purposes. Berle phened Charrman Clark ARIATOR NEWS in informed on the highest author-

he had taken in London rly that only the most prelmanary discussions were undertaken. It is also understood that Secretary

put couched Washington done to improve the danger of continuing to keen all HORRYT H. WOOD



Friend or Foe?

Over Africa recently a flight of American hombers on their



redutes or absorption of radio-Pioneers in developing Radio Igni-





